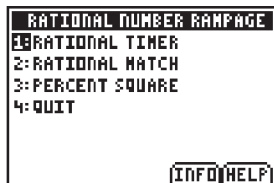


This App helps middle school students sharpen fraction, decimal, and percentage representation skills with three games: Rational Timer, Rational Match, and Percent Square. This is a great review for high school as well.



To Begin

With the handheld turned on, press [APPS]. Select RRampage and press [ENTER]. Press any key to move along the opening screens to the RATIONAL NUMBER RAMPAGE screen. Highlight the desired game and press [ENTER].

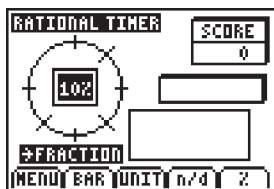


Options such as <INFO> appear at the bottom of several screens. Press the graphing key ([Y=], [WINDOW], [ZOOM], [TRACE], [GRAPH]) under the appropriate selection to activate the soft key.



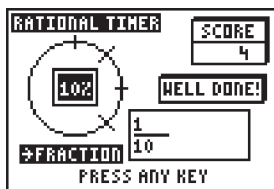
1 Rational Timer Game

Read <HELP> on this screen for details on playing and scoring the game. Select BRONZE in this example.



2

Press any key to start the game. A number appears in the clock. Input a fraction, decimal, or percent. Notice FRACTION on the screen to the left indicates the input should be in fraction (simplest) form.



3

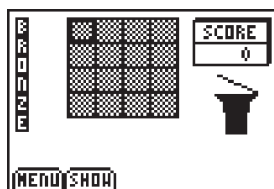
Input the correct representation before the tick marks on the clock disappear. Press [ENTER] to check the answer. Press any key to continue play.

If an input is a repeating decimal, use the arrow keys to scroll over the repeating number and press <BAR>. Enter all fractions using <UNIT> and <n/d> which work in a similar fashion as the fraction keys on the TI-73 Explorer. Mixed fractions are accepted but improper fractions are not.



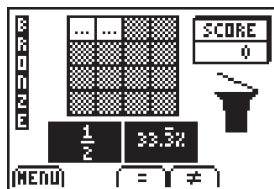
1 Rational Match

Read <HELP> on this screen for details on playing and scoring the game. Select BRONZE in this example.



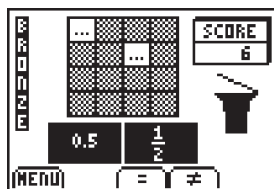
2

Use the arrow keys to select a card and press <SHOW> to see it. Try to match the number to another equivalent number.



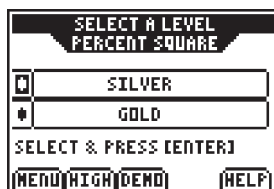
3

<SHOW> two cards and then press <=> or <≠>. Cards either go back into the game board, or if they are equal, go in the trash.



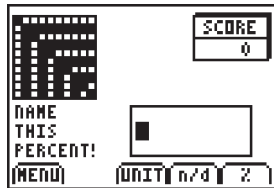
4

Since these numbers are equal, press the <=> sign to send them to the trash. Play for the low score.



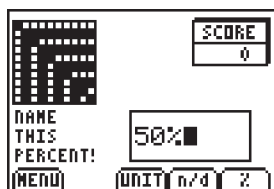
1 Percent Square

Read <HELP> on this screen for details on playing and scoring the game. Press <DEMO> to see an explanation of the game. Select SILVER in this example.



2

The 10 x 10 square is one unit. At the Silver Level, the numbers range from 0 to 1. At the Gold Level, there are two unit squares, so numbers range from 0 to 2.



3

Input the correct representation using <UNIT>, <n/d>, and <%>. Press [ENTER] to check the answer and move to the next problem.